

ABSTRACT

A reception power measurement section 107 measures reception power from received data. A transmission power information extracting section 106 extracts information of transmission power of a dedicated channel of mobile equipment included in received data. A condition setting section 108 calculates a transmission parameter of packet data and transmission power in scheduled mobile equipment using information of reception quality, reception power and transmission power of the dedicated channel, and outputs information of the calculated parameter and transmission power command information to channel coding sections 111-1 to 111-n.

The channel coding sections 111-1 to 111-n code transmission data including transmission power command information and transmission parameter information to be notified to the scheduled mobile equipment. This makes it possible to perform communications based on suitable resource management in an uplink.